



# MASENO UNIVERSITY

## UNIVERSITY EXAMINATIONS 2012/2013

SECOND YEAR SECOND SEMESTER EXAMINATIONS  
FOR THE DEGREE OF BACHELOR OF SCIENCE IN  
EARTH SCIENCE WITH INFORMATION TECHNOLOGY  
(MAIN CAMPUS)

### NGA 214: RESOURCES MANAGEMENT

*Date: 18<sup>th</sup> July, 2013*

*Time: 11.00 a.m. – 1.00 p.m.*

---

#### INSTRUCTIONS:

- ♦ Answer Question ONE and any other TWO questions.
- ♦ Sketch maps and diagrams should be used whenever appropriate.

## NGA 214 RESOURCES MANAGEMENT

1. a) Explain the tragedy of common resources. (10 marks)  
b) Examine the constructive impact of technology and culture in resources management and development. (10 marks)  
c) Examine the setbacks encountered in tapping green energy in the developing countries. (10 marks)
2. Discuss the relevance of the concept of Sustainable Development in resources management. (10 marks)
3. a) Explain the rationale of the water sector reforms in Kenya. (6 marks)  
b) Discuss the achievements and failures of the reforms in (a) above. (14 marks)
4. 'The existence of policy, institutional and legal frameworks is not sufficient in effective resources management in developing countries'. Discuss. (20 marks)
5. 'Biotechnology is the best remedy for food insecurity in the developing countries'. Discuss. (20 marks)
6. a) Distinguish between National Park and Game Reserve. (4 marks)  
b) Examine the constraints in the management of wildlife resources in Kenya and suggest possible solutions. (16 marks)